

Personal Jukebox (PJB)

Systems Research Center and PAAD

Last updated October 13, 2000

Sony Corp., et al., v. Creative Technology Ltd., IPR2016-01407

EXHIBIT

Creative-2019

What Is This?

- Cool consumer device, exploring convergence of:
 - cheap, low power, fast, imbedded computers
 - powerful, common, home PC's with Internet access
- Portable audio system: 100 CD's in your pocket
 - Take all your music everywhere
- Research project that became a product

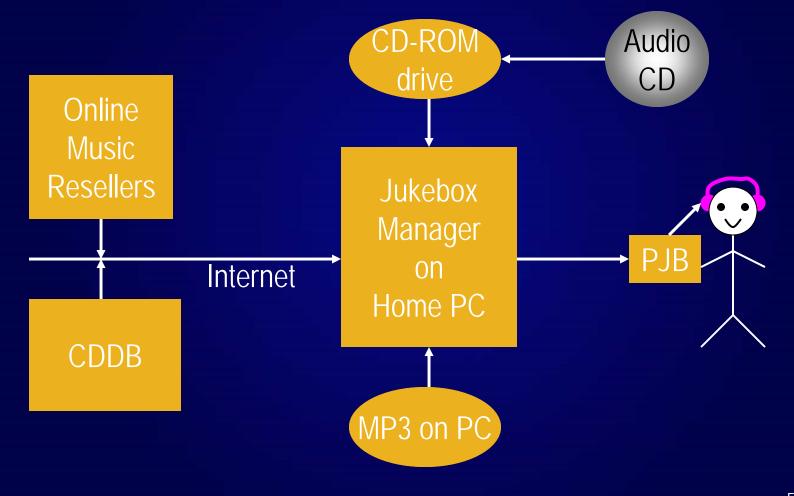
The Technology

- CD-quality audio compression: 11-to-1 (1 MB/min)
- 2.5" disk is 6.5 GBytes, 4 ounces, 3/8" thick
 - 110 hours of CD-quality music (340 hrs on 20 GB)
- Lithium-Ion cell: 5 Watt-hour, 2 ounces
 - We achieve 11-hour playing time between charges
- PC for acquisition, management, content labeling

Using the PJB

- Everywhere:
 - On that 11-hour flight
 - In your car
 - In your office
 - At home
- Choose your music after you leave home

PJB Workflow



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